

STATE OF CALIFORNIA
California Energy Commission

Minutes of the February 23, 2011, Energy Commission Business Meeting.

The meeting was called to order at 10:00 by Chairman Robert B. Weisenmiller. The Pledge of Allegiance was lead by Chairman Weisenmiller.

Present:	Jeffrey D. Byron, Commissioner
Robert B. Weisenmiller, Chairman	Karen Douglas, Commissioner
James D. Boyd, Vice Chair	

1. CONSENT CALENDAR. (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. PACIFIC STORAGE COMPANY. Possible approval of Contract 200-10-004 for \$40,000 with Pacific Storage Company to store, retrieve, deliver, and destroy Energy Commission archived records as needed for a period of two years. (ERPA funding.) Contact: Sherryl Yourczek.
 - b. CITY OF PISMO BEACH. Possible approval of Amendment 1 to Agreement CBG-09-116 with the City of Pismo Beach to change the scope of work and budget from labor performed by a contractor to labor performed by city employees. Contact: Anne Fisher.
 - c. CITY OF BURLINGAME. Possible approval of Amendment 1 to Agreement CBG-09-042 with the City of Burlingame to remove task 3e specifying retrofits for interior lighting at the City of Burlingame library and increase the number of street lights retrofitted under task 3f. The amendment includes increased cost share by the city and a shift of \$23,514 from Non-Labor Contract Expenses to Contract Labor. Contact: Haile Bucaneg.
 - d. CITY OF MORRO BAY. Possible approval of Amendment 1 to Agreement CBG-09-089 with the City of Morro Bay to reallocate \$32,989 from Non-Labor Contract Expenses and Unloaded Direct Labor Expenses to the Materials/Supplies category and reduce the scope of work from HVAC and lighting projects to only lighting projects. Contact: Serena Fong.
 - e. KEMA, INC. Possible approval of Amendment 1 to Contract 400-07-030 with KEMA, Inc., for a one-year, no-cost time extension to finish projects that support developing policies and protocols, analyzing the renewable industry and market context, and ensuring the effectiveness of the overall Renewable Energy Program. Contact: Tony Goncalves.
 - f. AFFORDABLE COMFORT, INC (ACI). Possible approval of Contract 400-10-009 for \$50,000 to sponsor the ACI National Home Performance Conference held in San Francisco, March 28 – April 1, and the acceptance of six passes to the San Francisco conference, as well as six passes and associated travel expenditures to future conferences as agency gifts as defined in California Code of Regulations, title 2, section 18944.2. The San Francisco conference is expected

to draw 3,000 participants from around the country in the fields of building energy efficiency and occupant comfort. (ERPA funding.) Contact: Erik Jensen.

- g. CALIFORNIA COMMISSIONING COLLABORATIVE. Possible approval of Contract 400-10-008 for \$50,000 with the California Commissioning Collaborative. The Collaborative is a non-profit 501(c) organization that promotes education, training, stronger building codes, and commissioning standards to encourage expansion of the practice of building commissioning in the California new construction and retrofit markets. (ERPA funding.) Contact: Tav Commins.
- h. NEW BUILDINGS INSTITUTE, INC. Possible approval of Contract 400-10-010 for \$25,000 with New Buildings Institute, Inc. (NBI) to sponsor the work of the NBI for one year. NBI is a nonprofit organization working to improve the energy performance of commercial buildings. (ERPA funding.) Contact: Craig Hoellwarth.
- i. SACRAMENTO MUNICIPAL UTILITIES DISTRICT. Possible approval of Amendment 1 to Contract 400-09-023 to add a new sub-contractor and reallocate funds to effectively implement the Neighborhood Approach component of the Home Performance Program. There is no change in the total amount of the contract or the contract period. Contact: Helen Lam.
- j. UNIVERSITY OF MISSOURI, COLUMBIA. Possible approval of Amendment 1 to Contract 500-08-022 with the University of Missouri, Columbia, to extend the term of the contract by 19 months. The project is to develop an advanced light-weight fuel tank to improve the range and economic competitiveness of natural gas vehicles. Contact: Diana Mircheva.
- k. CALIFORNIA STATE CONTROLLER'S OFFICE. Possible approval of Amendment 5 to Contract 200-98-012 with the California State Controller's Office to allow billing up to actual cost as provided by the State Administrative Manual. The contract is for auditing services for the Public Interest Energy Research program. This is a no-cost amendment. Contact: Kyle Emigh.
- l. ROBERT J. WATSON ENTERPRISES, INC. dba RESOLUTION. Possible approval of Amendment 2 to Contract 150-08-003 to add \$11,895 and a time extension to May 19, 2011 to complete Resolution training for Energy Commission staff. (ERPA funding.) Contact: Christina Edwards.
- m. CTG ENERGETICS, Inc. Possible approval of termination of Contract 500-08-036 by mutual agreement between the Energy Commission and CTG Energetics, Inc. A key CTG Energetics employee who was architect of the proposal, subject matter expert and lead for the project, has left the firm. The Energy Commission and the contractor mutually agreed to terminate the contract early. Contact: Allan Ward.

Items 1f, 1g, and 1h were removed from the agenda. Commissioner Byron moved and Commissioner Douglas seconded approval of the remaining Consent Calendar items. The vote was unanimous. (4-0)

- 2. SHANDAM CONSULTING. Possible approval of Purchase Order Number 10-409.00-005 for \$29,700 to Shandam Consulting, Inc. to assist in the planning and implementation of the network connectivity between the Energy Commission and the Resource Agency Data Center (RADDC). (ERPA funding.) Contact: Dale Chisum.
(5 minutes)

Commissioner Douglas moved and Commissioner Byron seconded approval of Purchase Order 10-409.00-005. The vote was unanimous. (4-0)

3. ENTERPRISE NETWORKING SOLUTIONS. Possible approval of Purchase Order Number 10-409.00-006 for \$70,000 to Enterprise Networking Solutions, Inc. to assist in the planning and implementation of a server migration from the Energy Commission's current data center(s) to the Resource Agency Data Center (RADC). (ERPA funding.) Contact: Dale Chisum. (5 minutes)

Vice Chair Boyd moved and Commissioner Douglas seconded approval of Purchase Order 10-409.00-05. The vote was unanimous. (4-0)

4. BR LABORATORIES, INC. Possible approval of Amendment 1 to Contract 400-08-003 with BR Laboratories, Inc. to add \$173,394 and a two-year time extension to continue Appliance Standards Enforcement testing of Title 20-regulated appliances listed in the current contract. (ERPA funding.) Contact: Tovah Ealey. (5 minutes)

Vice Chair Boyd moved and Commissioner Douglas seconded approval of the amendment to Contract 400-08-003. The vote was unanimous. (4-0)

5. CALIFORNIA AIR RESOURCES BOARD. Possible approval of Contract 600-10-005 for \$2 million with the California Air Resources Board for an Interagency Agreement to fund the Clean Vehicle Rebate project for qualified electric drive vehicles. This agreement will provide additional funding for electric vehicle rebates in a critical launch year for advanced vehicle technologies. (ARFVTP funding.) Contact: Linda Schrupp. (5 minutes)

Vice Chair Boyd moved and Commissioner Douglas seconded approval of Contract 500-10-005. The vote was unanimous. (4-0)

6. SACRAMENTO MUNICIPAL UTILITY DISTRICT. Possible approval of Agreement ARV-10-034, for a grant of \$553,000 to Sacramento Municipal Utility District to conduct a demonstration test of the Chevrolet Volt under real-world conditions and install electric vehicle charging infrastructure in the Sacramento area. (ARFVTF funding.) Contact: Linda Schrupp. (5 minutes)

Item 6 was moved to the March 9 agenda.

7. UNIVERSITY OF CALIFORNIA (IRVINE CAMPUS). Possible approval of Contract 600-10-002 for \$750,000 with the Regents of the University of California (Irvine Campus) to enhance the Spatially and Temporally Resolved Energy and Environment Tool (STREET) model. Enhancement of the STREET model will expand its use from the South Coast Air Basin to multiple air basins/regions throughout California and permit an analysis of several emerging alternative vehicle and fuel options. (ARFVTF funding.) Contact: Tobias Muench. (5 minutes)

Vice Chair Boyd moved and Commissioner Byron seconded approval of Contract 600-10-002. The vote was unanimous. (4-0)

8. UNIVERSITY OF CALIFORNIA, LOS ANGELES. Possible approval of Contract 500-10-033 for \$1 million with the Regents of the University of California, Los Angeles

to create a comprehensive tool for evaluating and analyzing regional energy use and its environmental and socioeconomic impacts. (PIER electricity funding.)
Contact: Dan Gallagher. (5 minutes)

Vice Chair Boyd moved and Commissioner Byron seconded approval of Contract 500-10-033. The vote was unanimous. (4-0)

9. UNIVERSITY OF CALIFORNIA, DAVIS. Possible approval of Contract 500-10-032 for \$124,000 with the Regents of the University of California, Davis to assess the life-cycle water and water-related energy requirements of future California transportation fuels. The study will determine the potential water use impacts of future transportation fuel needs and identify strategies to reduce these impacts. (PIER electricity funding.)
Contact: Joe O'Hagan. (5 minutes)

Commissioner Byron moved and Vice Chair Boyd seconded approval of Contract 500-10-032. The vote was unanimous. (4-0)

10. UNIVERSITY OF CALIFORNIA, MERCED. Possible approval of Work Authorization MRA-02-089 for \$142,747 with the Regents of the University Of California, Merced, to perform a comprehensive life cycle analysis study of algae biofuels. (PIER natural gas funding.) Contact: David Effross. (5 minutes)

Commissioner Byron moved and Vice Chair Boyd seconded approval of Work Authorization MRA-02-089. The vote was unanimous. (4-0)

11. UNIVERSITY OF CALIFORNIA. Possible approval of Work Authorization MRA 02-090 for \$150,000 with the Regents of the University of California, California Institute for Energy and Environment for research and development of a white paper on fuel-saving opportunities in light-duty vehicles. (PIER natural gas funding.)
Contact: Reynaldo Gonzalez. (5 minutes)

Vice Chair Boyd moved and Commissioner Byron seconded approval of Work Authorization MRA-02-090. The vote was unanimous. (4-0)

12. STANFORD UNIVERSITY. Possible approval of Agreement PIR-10-054 for \$500,000 with Stanford University to conduct field studies to determine the most effective strategies to elicit energy efficiency actions from consumers. (PIER electricity funding.)
Contact: David Weightman. (5 minutes)

Commissioner Douglas recused herself and left the room prior to discussion of Item 12. Commissioner Byron moved and Vice Chair Boyd seconded approval of Agreement PIR-10-054. The vote was unanimous. (3-0)

Commissioner Douglas returned following the vote.

13. PAX SCIENTIFIC, INC. Possible approval of Agreement PIR-10-020 for \$287,757 with PAX Scientific, Inc. to develop energy efficient fans for server rooms. These fans have the potential of reducing data center server fan energy use by 15 percent. (PIER electricity funding.) Contact: Paul Roggensack. (5 minutes)

Commissioner Byron moved and Vice Chair Boyd seconded approval of Agreement PIR-10-020. The vote was unanimous. (4-0)

14. SEAMICRO INCORPORATED. Possible approval of Agreement PIR-10-057 for a grant of \$250,000 to SeaMicro Incorporated to develop a prototype compute appliance that will replace volume servers in data centers and could reduce energy use by 75 percent. This award will be cost-share for the recipient's American Recovery and Reinvestment Act of 2009 award. (PIER electricity funding.) Contact: Paul Roggensack. (5 minutes)

Commissioner Byron moved and Vice Chair Boyd seconded approval of Agreement PIR-10-057. The vote was unanimous. (4-0)

15. ELECTRIC POWER GROUP, LLC. Possible approval of Agreement PIR-10-068 for an ARRA cost-share grant of \$999,743 to Electric Power Group, LLC for phasor deployment, analysis and research for implementing various aspects of phasor technology at the California Independent System Operator (CA ISO) network. (PIER electricity funding.) Contact: Avtar Bining. (5 minutes)

Commissioner Byron moved and Vice Chair Boyd seconded approval of Agreement PIR-10-068. The vote was unanimous. (4-0)

16. SOUTHERN CALIFORNIA EDISON. Possible approval of Amendment 2 to Contract 400-07-007 with Southern California Edison adding \$599,403 and a two-year time extension to continue daily application processing and call center activities for the New Solar Homes Partnership within its territory. (RRTF funding.) Contact: Diana Chong. (5 minutes)

Commissioner Byron moved and Commissioner Douglas seconded approval of the amendment to Contract 400-07-007. The vote was unanimous. (4-0)

17. SAN DIEGO GAS AND ELECTRIC. Possible approval of Amendment 2 to Contract 400-07-006 with San Diego Gas and Electric adding \$513,504 and a two-year time extension to continue daily application processing and call center activities for the New Solar Homes Partnership within its territory. (RRTF funding.) Contact: Diana Chong. (5 minutes)

Commissioner Douglas moved and Commissioner Byron seconded approval of the amendment to Contract 400-07-006. The vote was unanimous. (4-0)

18. PACIFIC GAS AND ELECTRIC COMPANY. Possible approval of Amendment 2 to Contract 400-07-005 with Pacific Gas and Electric Company (PG&E) adding \$887,091 and a two-year time extension to continue daily application processing and call center activities for the New Solar Homes Partnership within its territory. (RRTF funding.) Contact: Diana Chong. (5 minutes)

Commissioner Byron moved and Vice Chair Boyd seconded approval of the amendment to Contract 400-07-005. The vote was unanimous. (4-0)

19. REVISED SHORT-TERM (2011-2012) PEAK DEMAND REPORT. Possible adoption of the Revised Short-Term (2011-2012 Peak Demand Report. Adopted short-term peak demand forecasts are for use in the California Independent System Operator Local Area Capacity Requirements analysis and process. Contact: Chris Kavalec. (10 minutes)

Item 19 was moved to the March 9 agenda.

20. **Minutes:** Possible approval of the February 2, 2011 Business Meeting Minutes.

Vice Chair Boyd moved and Commissioner Douglas seconded approval of the Minutes. The vote was unanimous. (4-0)

21. **Commission Committee Presentations and Discussion:** Commissioner Douglas reported on behalf of the IEPR Committee and the Renewable Energy Policy Group.
22. **Chief Counsel's Report:** Chief Counsel Michael Levy announced the appointment of Jeffery as Assistant Chief Counsel.
23. **Executive Director's Report:** Acting Chief Deputy Director Thom Kelly spoke of his departure from the Energy Commission after 36 years. Mr. Kelly received commendations from Chairman Weisenmiller and the other Commissioners, as well as Public Adviser Jennifer Jennings on his many years of public service.
24. **Public Adviser's Report:** None.
25. **Public Comment:** None.
26. **Internal Organization and Policy.** None.

Appearances:

Mr. Andrew Panson, California Air Resources Board
Dr. Paul Bunje, University of California, Los Angeles
Mr. Mike McCoy, University of California, Davis

There being no further business, the meeting was adjourned.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission